SONY

3-274-988-**11**(1)

Portable CD/DVD Player

Operating Instructions

To find out useful hints, tips and information about Sony products and services please visit:
www.sony-europe.com/myproduct

DVP-FX720

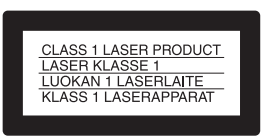
© 2007 Sony Corporation

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
The mains lead must be changed only at a qualified service shop.
Batteries or batteries installed apparatus shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION · CLASS 1M VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.
VORSICHT · KLASSE 1M SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG WENN GEÖFFNET UND SPERREN AUSSER FUNKTION. NICHT DIREKT MIT OPTISCHEN INSTRUMENTEN ANSEHEN.
ADVARSEL · SYNLIG OG USYNLIG LASERSTRÅLING AF KLASSE 1M VED ÅBNING OG SPÆRRELSE AF LÅSEANORDNINGERNE. MA IKKE BETRAGTES DIREKTE GENNEM OPTISKE INSTRUMENTER.
ADVARSEL · SYNLIG OG USYNLIG LASERSTRÅLING I KLASSE 1M NÅR ÅPEN OG LASERSPERRINGER FJERNET. IKKE SE DIREKTE MED OPTISKE INSTRUMENTER.
VARNING · KLASS 1M SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA ÄR ÖPPNAD OCH SPÄRRARNA MAT KRINGÅS. BETRAKTA EJ STRÅLEN DIREKT MED OPTISKA INSTRUMENT.
VARO! · KANTTUNA JA LUKITUS OHITETTUNA LAVOKAN 1M MAKUYSTÄ JA NÄKYMÄTÖNTÄ LASERSÄTEILYÄ. ÄLÄ KATSO SÄTEISEEN SUORAAN OPTISILLA LAITTEILLA.

This label is located on the bottom of the unit.



This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the bottom of the unit.

CAUTION

- The use of optical instruments with this product will increase eye hazard. As the laser beam used in this CD/DVD player is harmful to eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

Notice for customers in the United Kingdom and Republic of Ireland

A moulded plug complying with BS1363 is fitted to this equipment for your safety and convenience. Should the fuse in the plug supplied need to be replaced, a 5AMP fuse approved by ASTA or BSI to BS1362, (i.e., marked with ⓐ or ⓑ mark) must be used. If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover. If you should lose the fuse cover, please contact your nearest Sony service station.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Europe Only

Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste. By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.
In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.

To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.
For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries. For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Precautions

Safety

- The power requirements of this unit are indicated on the AC adapter. Check that the unit's operating voltage is identical with your local power supply.
- To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

Installing

- Do not install the unit in an inclined position. It is designed to be operated in a horizontal position only.
- Keep the unit and discs away from equipment with strong magnet, such as microwave ovens, or large loudspeakers.
- Do not place heavy objects on the unit.

The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

Notes About the Discs

- To keep the disc clean, handle the disc by its edge. Do not touch the surface.

- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature may rise considerably inside the car.
- After playing, store the disc in its case.
- Clean the disc with a cleaning cloth. Wipe the disc from the centre out.

- Do not use solvents such as benzine, thinner, disc/lens cleaners, or anti-static spray intended for vinyl LPs.
- If you have printed the disc's label, dry the label before playing.

Precautions

Road safety

Do not use the monitor unit and headphones while driving, cycling, or operating any motorized vehicle. Doing so may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

On safety

Should any solid object or liquid fall into the cabinet, unplug the player and have it checked by qualified personnel before operating it any further.

On power sources

- The player is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the player itself has been turned off.
- If you are not going to use the player for a long time, be sure to disconnect the player from the wall outlet. To disconnect the AC power cord (mains lead), grasp the plug itself; never pull the cord.
- Do not touch the mains lead or the AC adaptor with wet hands. Doing so may cause shock hazard.

On temperature increases

Heat may build up inside the player during charging or if it is being used for a long time. This is not a malfunction.

On placement

- Place the player in a location with adequate ventilation to prevent heat build-up in the player.
- Do not place the player on a soft surface such as a rug that might block the ventilation holes.
- Do not place the player in a confined space such as a bookshelf or similar unit.
- To reduce the risk of fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc.
- Do not place the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust, sand, moisture, rain, or mechanical shock, or in a car with its windows closed.

On operation

- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the player. Should this occur, the player may not operate properly. In this case, remove the disc and leave the player turned on for about half an hour until the moisture evaporates.
- When you move the player, take out any discs. If you don't, the disc may be damaged.
- Keep the lens on the player clean and do not touch it. Touching the lens may damage the lens and cause the player to malfunction. Leave the disc lid closed except when you insert or remove discs.

On Liquid Crystal Display

- Although manufactured with high precision technology, the LCD may occasionally display dots of various colours. That is not a malfunction.
- Do not wipe the LCD surface with wet cloth. If water enters, a malfunction may result.

- Do not place or drop any object onto the LCD surface. Also, do not apply pressure from hands or elbows.
- Do not damage the LCD surface with a cutter and sharp cutlery.
- Do not shut the LCD with the ballpoint etc. put on the disc lid.
- If the player is brought directly from a cold to a warm location, moisture may condense over the LCD surface. In which case, wipe out the moisture with tissue paper, etc., before use. However, moisture condensation will continue if the LCD surface is cold. Wait until the surface warms to room temperature.

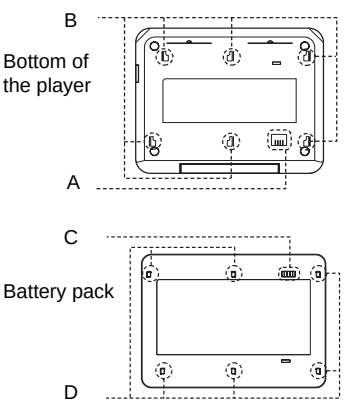
On AC adaptor

Install this system so that the mains lead can be unplugged from the wall socket immediately in the event of trouble.

- Use the supplied AC adaptor for this player, as other adaptors may cause a malfunction.
- Do not confine the AC adaptor in a closed place such as a bookshelf or an AV cabinet.
- Do not connect the AC adaptor to a traveler's electric transformer, which may generate heat and cause a malfunction.

On battery pack

- Certain countries may regulate disposal of the battery used to power this product. Please consult with your local authority.
- Because of the battery's limited life, its capacity gradually deteriorates over time and repeated use. Purchase a new one when the battery holds about only half the normal period.
- The battery may not be charged to its fullest capacity when charged for the first time, or when it has not been used for a long time. The capacity recovers after being charged and discharged several times.
- Do not leave the battery pack in a car or direct sunlight, where temperature goes up above 60 ºC.
- Do not expose to water.
- Avoid short-circuiting the battery connecting jacks (A) located on the bottom of the player and the connecting jacks (C) on the battery pack with metal objects such as a necklace.
- Make sure dust or sand does not enter the battery connecting jacks (A) and the guide holes (B) located on the bottom of the player, and the connecting jacks (C) and the guide holes (D) on the battery pack.



On car adapter

- Use the supplied car adaptor for this player, as other adaptors may cause a malfunction.
- Do not dissemble or reverse-engineer.
- Do not drop or apply shock.

- Do not touch the metal parts, as it may cause a short and damage the car adaptor, especially if touched by other metal objects.
- Do not place the car adaptor in a location near heat sources, or in a place subject to direct sunlight or mechanical shock, or in a car with its windows closed.

On adjusting volume

Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, the speakers may be damaged when a peak level section is played.

On headphones

• Preventing hearing damage

Avoid using headphones at high volumes. Hearing experts advice against continuous, loud, and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

• Showing consideration for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and still be considerate to the people around you.

On cleaning

Clean the cabinet, panel, and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

On cleaning discs, disc/lens cleaners

Do not use cleaning discs or disc/lens cleaners (including wet or spray types). These may cause the apparatus to malfunction.

IMPORTANT NOTICE

Caution: This player is capable of holding a still video image or on-screen display image on your television screen indefinitely. If you leave the still video image or on-screen display image displayed on your TV for an extended period of time you risk permanent damage to your television screen. Plasma display panel televisions and projection televisions are susceptible to this.

If you have any questions or problems concerning your player, please consult your nearest Sony dealer.

Table of Contents

WARNING 2
Notes About the Discs 3
Precautions 4
About This Manual 8
This Player Can Play the Following Discs 9

Preparations 12
Checking the Accessories 12
Using the Remote 12
Connecting the AC Adapter 13
Using with Battery Pack 14
Using With the Car Battery Adaptor 18

Playing Discs 20
Playing Discs 20
Using the Playback Settings Display 27
Searching for a Particular Point on a Disc (Search, Scan, Slow Play, Repeat Play, Random Play) 30
Playing MP3 Audio Tracks or JPEG Image Files 32
Adjusting the Picture Size and Quality 36

Enjoying DivX® Videos 37
Playing DivX Video Files 37
About DivX Video Files 38

Settings and Adjustments 40
Using the Setup Display 40
Settings for the Display (General Setup) 41
Settings for the Sound (Audio Setup) 43
Setting the Display or Sound Track Language (Language Setup) 44
Parental Control Settings (Parental Control) 45

Hookups 48
Connecting to another device 48

Additional Information 51
Troubleshooting 51
About MP3 Audio Tracks and JPEG Image Files 54
Specifications 56
Index to Parts and Controls 57
Index 60

About This Manual

- Instructions in this manual describe the controls on the remote. You can also use the controls on the player if they have the same or similar names as those on the remote.
- "DVD" may be used as a general term for DVD VIDEOs, DVD+RWs/DVD+Rs (+VR mode) and DVD-RWs/DVD-Rs (VR mode, video mode).
- The meaning of the icons used in this manual is described below:

Icons	Meaning
DVD Video	Functions available for DVD VIDEOs and DVD+RWs/DVD+Rs in +VR mode or DVD-RWs/DVD-Rs in video mode
DVD VR	Functions available for DVD-RWs/DVD-Rs in VR (Video Recording) mode
VCD	Functions available for VIDEO CDs (including Super VCDs or CD-Rs/CD-RWs in video CD format or Super VCD format)
CD	Functions available for music CDs or CD-Rs/CD-RWs in music CD format
DATA CD	Functions available for DATA CDs (CD-ROMs/CD-Rs/CD-RWs containing MP3[*1] audio tracks, JPEG image files, and DivX[*2*3] video files)
DATA DVD	Functions available for DATA DVDs (DVD-ROMs/DVD+RWs/DVD+Rs/DVD-RWs/DVD-Rs containing MP3[*1] audio tracks, JPEG image files, and DivX[*2*3] video files)
USB	Functions available for USB devices containing MP3[*1] audio tracks, and JPEG image files

*1 MP3 (MPEG-1 Audio Layer III) is a standard format defined by ISO (International Organization for Standardization)/IEC (International Electrotechnical Commission) MPEG which compresses audio data.

*2 DivX® is a video file compression technology, developed by DivXNetworks, Inc.

*3 DivX, DivX Certified, and associated logos are trademarks of DivXNetworks, Inc. and are used under licence.

This Player Can Play the Following Discs

Format of discs	
DVD VIDEO	
DVD-RW/-R (finalized disc)	
DVD+RW/+R (finalized disc)	
VIDEO CD/ Music CD	
CD-RW/-R	

"DVD+RW," "DVD-RW," "DVD+R," "DVD-R," "DVD VIDEO," and "CD" logos are trademarks.

Note about CDs/DVDs

The player can play CD-ROMs/CD-Rs/CD-RWs recorded in the following formats:

– music CD format
– video CD format
– MP3 audio tracks, JPEG image files, and DivX video files of format conforming to ISO 9660* Level 1, or its extended format, Joliet
– KODAK Picture CD format

* A logical format of files and folders on CD-ROMs, defined by ISO (International Organization for Standardization).

The player can play DVD-ROMs/DVD+RWs/DVD-RWs/DVD+Rs/DVD-Rs recorded in the following format:

– MP3 audio tracks, JPEG image files, and DivX video files of format conforming to UDF (Universal Disk Format).

Example of discs that the player cannot play

The player cannot play the following discs:

- Blu-ray discs.
- Discs recorded in AVCHD format.
- HD DVDs.
- DVD-RAMs.
- CD-ROMs/CD-Rs/CD-RWs other than those recorded in the formats listed on this page.
- CD-ROMs recorded in PHOTO CD format.
- Data part of CD-Extras.
- DVD Audio discs.
- DATA DVDs that do not contain MP3 audio tracks, JPEG image files, or DivX video files.
- HD layer on Super Audio CDs.

Also, the player cannot play the following discs:

- A DVD VIDEO with a different region code.
- A disc that has a non-standard shape (e.g., card, heart).
- A disc with paper or stickers on it.
- A disc that has the adhesive of cellophane tape or a sticker still left on it.

Notes

- **Notes about DVD+RWs/DVD+Rs, DVD-RWs/DVD-Rs or CD-Rs/CD-RWs**

➡continued

Some DVD+RWs/DVD+Rs, DVD-RWs/DVD-Rs, or CD-Rs/CD-RWs cannot be played on this player due to the recording quality or physical condition of the disc, or the characteristics of the recording device and authoring software.
The disc will not play if it has not been correctly finalized. For more information, refer to the operating instructions for the recording device. Note that some playback functions may not work with some DVD+RWs/DVD+Rs, even if they have been correctly finalized. In this case, view the disc by normal playback. Also some DATA CDs/DATA DVDs created in Packet Write format or multiple sessions cannot be played.

- **Notes about DVD+R DLs/DVD-R DLs**
  MP3 and JPEG files recorded on the second layer of a DVD+R DL/-R DL (double layered) cannot be played.
  DVD-R DL discs recorded in VR mode cannot be played.
- **Music discs encoded with copyright protection technologies**
  This product is designed to playback discs that conform to the Compact Disc (CD) standard.
  Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.
- **Note on DualDiscs**
  A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side.
  However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Region code

It is the system that is used to protect copyrights. The region code is shown on the DVD VIDEO packages according to the region of sale. DVD VIDEOs labelled “ALL” or “2” will play on this player.

Note on playback operations of DVDs and VIDEO CDs

Some playback operations of DVDs and VIDEO CDs may be intentionally set by software producers. Since this player plays DVDs and VIDEO CDs according to the disc contents the software producers designed, some playback features may not be available. Also, refer to the instructions supplied with the DVDs or VIDEO CDs.

Copyrights

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

Trademarks

- Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
- Manufactured under license under U.S. Patent #: 5,451,942 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Out are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. © 1996-2007 DTS, Inc. All Rights Reserved.

Checking the Accessories

Check that you have the following items:

- Audio/video cord (mini plug × 2 ⟷ phono plug × 3) (1)
- Mains lead (1)
- AC adaptor (1)
- Car battery adaptor (1)
- Battery pack (NP-FX120) (1)
- Remote (with battery) (1)

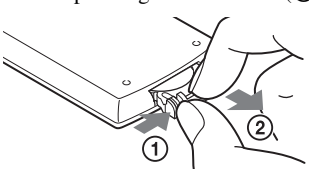
Using the Remote

When operating, point it at the remote sensor on the player.

To replace the remote control battery

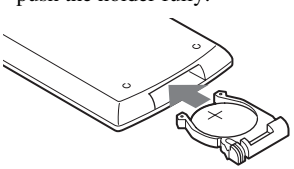
Insert a lithium battery CR2025 matching the ⊕ and ⊖ ends of the battery.

1 Pull out the battery holder (②) while pressing the lock lever (①).



2 Remove the old battery.

3 Insert the new battery in the battery holder with the ⊕ side up and then push the holder fully.

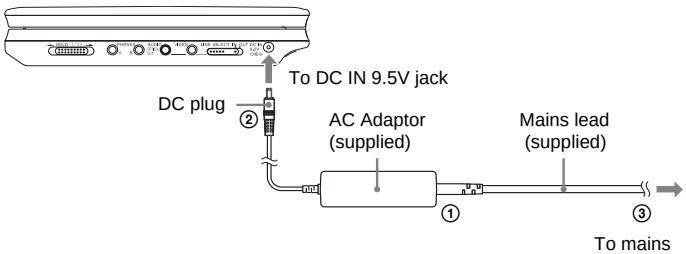


Notes

- Do not expose the remote sensor to direct sunlight or a lighting apparatus. Doing so may cause a malfunction.
- No button operation can be made, when the battery drains. If the remote does not work at all, change the battery and check the status.
- When disposing the used batteries, follow the battery maker's instructions.

Connecting the AC Adapter

Connect the AC adaptor (supplied) in the order of ① to ③ below.
To disconnect, follow the steps in reverse order.
See also “On AC adaptor” in “Precautions” (page 5).



Note

Stop playback before disconnecting the mains lead. Failure to do so may cause a malfunction.

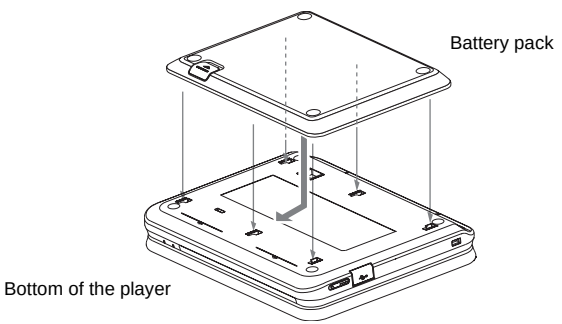
Using with Battery Pack

When a mains connection is not available, the player can be enjoyed with the battery pack (supplied) installed.
Please charge the battery pack before using it.
See also “On battery pack” in “Precautions” (page 5).

Installing the battery pack

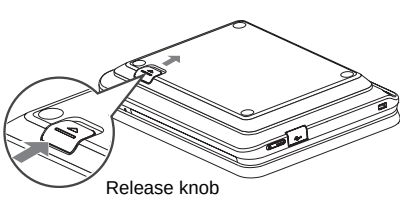
1 Aligning the battery pack with the lines on the player’s bottom, engage the hooks of the battery pack in the holes on the bottom of the player.

2 Slide the battery pack in the direction of the arrow until it clicks into place.



To remove the battery pack

Push the release knob and slide the battery pack in the direction of the arrow.



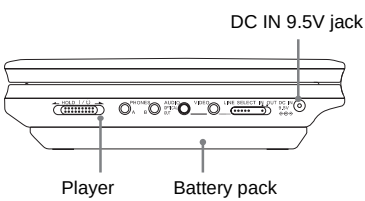
Notes

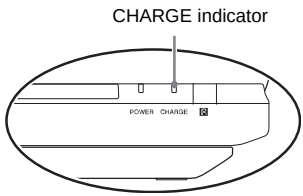
- Turn the player off before installing the battery pack.
- Do not remove the battery pack during playback.
- Do not touch the connecting points of the player and the battery pack. Doing so may cause a malfunction.
- Be careful not to drop the battery pack when installing and removing it.

Charging the battery pack

1 Attach the battery pack to the player (page 14).

2 Connect the AC adaptor to the player, and then connect the mains lead into a mains (page 13).





When charging begins, the CHARGE indicator turns on.
When charging ends, the CHARGE indicator turns off.

3 After charging is finished, disconnect the mains lead from the mains and remove the AC adaptor.

To check the battery level

When the player is stopped, a battery indicator is displayed on the screen. Recharge the battery, when [ ] is displayed or the CHARGE indicator flashes.

The battery indicator is not displayed when a DVD, VIDEO CD or JPEG file are being played. Stop the player and check the battery level.

Charging time and maximum playing time

Charging time (with the player turned off)	Playing time (with the display turned on)
Approx. 5 hours	Approx. 5 hours*

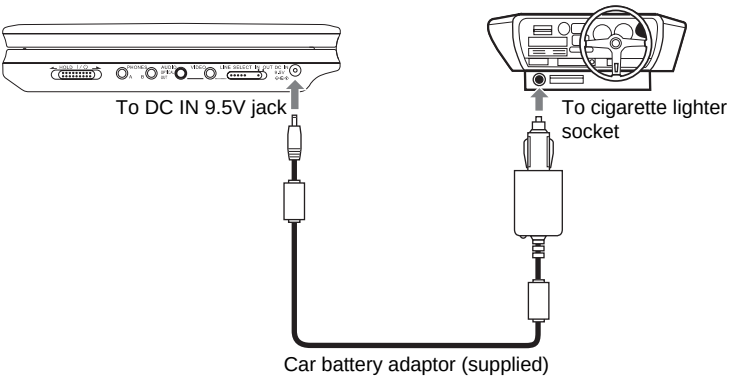
* This is the indication of the longest continuous playback on the following conditions.
– normal temperature (20°C)
– Headphone Use
– Set Backlight Adjustment to the Minimum
– Set “Digital Output” to “Off” in “Audio Setup.”
Battery condition may reduce operating time.

Notes

- The battery indicator does not appear on the screen when the AC adaptor is used or when inputting from external sources.
- Charging times may differ from that indicated above due to conditions of use, environment, and other factors. The recommended charge up surrounding temperature is in the 10-30°C range.

Using With the Car Battery Adaptor

Use the car battery adaptor (supplied) to supply power from the cigarette lighter socket to the player. The adaptor is for a 12V car battery. Do not use it with a 24V car battery. The adaptor is also for use with negatively grounded cars. Do not use it with cars grounded positively.



Hint

If the car adaptor interferes with car operation, use a commercial cigarette lighter extension cord.

Notes

- Do not use the car adaptor if it has been dropped or damaged.
- Arrange the cord so as not to interfere with the driver. Also, do not place the LCD panel where the driver can watch.
- If the picture is not clear, keep the player away from the car battery adaptor.
- Use the car battery adaptor with the car engine running. If it is used with the car engine off, the car battery may become unusable.
- If the cigarette lighter socket is dirty with ash, etc, a bad connection may cause the plug to heat up. Always clean well before use.
- The car battery adaptor may heat up while charging or after a long period of use. That is not a malfunction.

After using the car battery adaptor

After turning the player off, disconnect the car battery adaptor from the cigarette lighter socket.

Notes

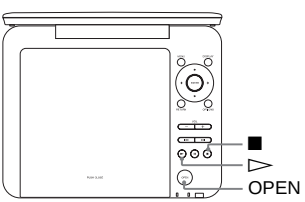
- Do not turn off the car engine while the player is turned on. Doing so stops the power supply and may cause damage to the player.
- Disconnect the car battery adaptor after use. Since some cars supply power to the cigarette lighter socket even when the engine is turned off, the car battery may discharge over time.
- When disconnecting the car battery adaptor, hold the plug to pull it out.
- When listening to the car radio, disconnect the car battery adaptor from the cigarette lighter socket to avoid noise.

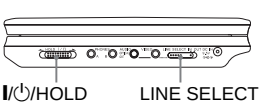
Playing Discs

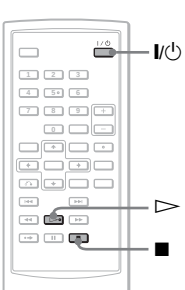
DVD Video DVD VR VCD CD

DATA CD DATA DVD USB

Depending on the DVD or VIDEO CD, some operations may be different or restricted.
Refer to the operating instructions supplied with the disc.
Connect the AC adaptor or install the battery pack.







1 Open the player's LCD panel.

Set the LINE SELECT switch on the player's right side to "OUT" and set the CD/DVD USB switch on the player's left side to "CD/DVD."

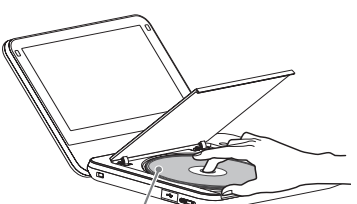
2 Press I/⏻ on the remote or slide the I/⏻/HOLD switch of the player to "I/⏻."

The player turns on and the power indicator lights up in green.

3 Press the OPEN button on the player to open the disc lid.

4 Insert the disc to be played.

Push with the playback side down until it clicks.



5 Push the PUSH CLOSE on the player to shut the disc lid.

6 Press ▷ Playback starts.

- Some discs may start playing automatically after the disc lid is shut.
- Depending on the disc, a menu may appear on the screen. For DVD VIDEOs, see page 23. For VIDEO CDs, see page 26.
- After all titles have been played, the player will stop itself and the display will return to the menu screen.

Notes

- If the disc is inserted with playback side up, a “No Disc” or “Cannot play this disc.” message appears.
- Discs created on DVD recorders must be correctly finalized to play on this player. For more information about finalizing, refer to the operating instructions supplied with the DVD recorder.
- The disc may be still spinning when the disc lid is opened. Wait until the spinning stops before removing the disc.
- During operation, “⃠” may appear on the screen. This symbol indicates that a function explained in this operating instruction is not available on the current DVD VIDEO.
- Some DVD-RWs/DVD-Rs (VR mode) may take time before starting playback because of the recorded content.

To stop playback

Press ■.
Pressing ▷ again will start playback from the point you stopped (Resume Play). See page 22 for details.
To play from the beginning, press ■ twice, then press ▷.

To turn off the power

Press the remote’s I/⏻ button or slide the player’s I/⏻/HOLD switch to “I/⏻.”

To avoid accidental button operation on the player

Set the player’s I/⏻/HOLD switch to “HOLD.” All the buttons on the player are locked, while the button on the remote remains operable.

To play DTS sound tracks on a DVD VIDEO

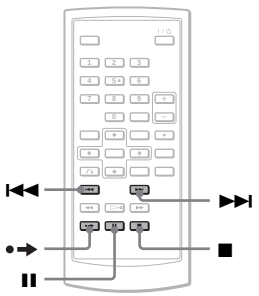
- The player’s speaker does not output DTS sound. When you play DTS sound tracks on a DVD VIDEO, connect the player to an AV amplifier (receiver) (page 49) and set up “DTS” in “Audio Setup” (page 44).
- If you connect the player to audio equipment such as an AV amplifier (receiver) without a DTS decoder, do not set “DTS” to “On” in “Audio Setup” (page 44). A loud noise may come out from the speakers, which may affect your ears or cause speaker damage.

Notes

- A screen saver image appears when you leave the player in pause or stop without operation for more than 15 minutes. The image disappears when you press ▷. See page 42 for details.
- The player turns off, 15 minutes after starting the screen saver function (Auto Power Off).

Additional playback operations

DVD VIDEO DVD VR VCD CD DATA CD DATA DVD USB



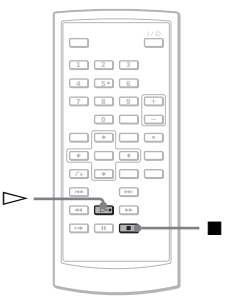
To	Operation
Stop	Press ■
Pause	Press ❚❚
Go to the next chapter, track, or scene in continuous play mode	Press ▶▶I
Go back to the previous chapter, track, or scene in continuous play mode	Press I◀◀
Briefly fast forward the current scene*	Press •▶ during playback.

* DVD VIDEOs, DVD-RWs/DVD-Rs (VR mode) only.
The above functions may not be used for some scenes.

Resuming playback from the point where you stopped the disc (Resume Play) DVD VIDEO

DVD VR VCD CD

When you stop playback, the player remembers the stop point and displays a message on the screen. You can resume from the same point by pressing ▷ again. Resume Play works even after the player is turned off, as long as the disc lid is kept closed.



1 While playing a disc, press ■ to stop playback.
A message appears.

2 Press ▷.
The player starts playback from the point you stopped in step 1.

Hints

- To play from the beginning of the disc, press ■ twice, then press ▷.
- When turning power on again after power off, resume play starts automatically.

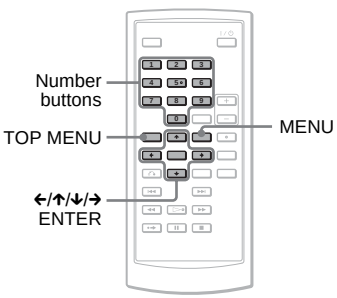
Notes

- Depending on the stop point, Resume play may not start from exactly the same point.
- The point where you stopped playing is cleared when:

– you turn off the player while playing a DVD-RW/DVD-R (VR mode).
– you open the disc lid.
– you disconnect the battery pack and the AC adaptor.
– you switch LINE SELECT switch or CD/DVD USB switch.

Using the DVD's menu DVD Video

A DVD is divided into long sections of a picture or a music feature called "titles." When you play a DVD containing several titles, you can select the title you want using the TOP MENU button. When you play DVDs that allow you to select items such as language for the sound and subtitles, select these items using the MENU button.



1 Press TOP MENU or MENU.

The disc's menu appears on the screen. The contents of the menu vary from disc to disc.

2 Press ←/↑/↓/→ or the number buttons to select the item you want to play or change.

3 Press ENTER.

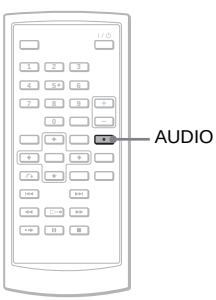
Note

Depending on the disc, you may not be able to use ←/→ of the player for the disc menu. In this case, use ←/→ on the remote.

Changing the sound

DVD Video DVD VR VCD CD

When playing a DVD VIDEO recorded in multiple audio formats (PCM, Dolby Digital, or DTS), you can change the audio format. If the DVD VIDEO is recorded with multilingual tracks, you can also change the language.
With CDs or VIDEO CDs, you can select the sound from either the right or left channel and listen to the sound of the selected channel through both the right and left speakers. For example, when playing a disc containing a song with the vocals on the right channel and the instruments on the left channel, you can hear the instruments from both speakers by selecting the left channel.



1 Press AUDIO repeatedly to select the desired audio signal.

The default setting is underlined.

◆ When playing a DVD VIDEO

Depending on the DVD VIDEO, the choice of language varies.
When the same language is displayed two or more times, the DVD VIDEO is recorded in multiple audio formats.

◆ When playing a DVD-VR mode disc

The types of sound tracks recorded on a disc are displayed.
Example:

- 1.Main (main sound)
- 1.Sub (sub sound)
- 1.Main+Sub (main and sub sound)

◆ When playing a CD/VIDEO CD

- Stereo: the standard stereo sound
- Left: the sound of the left channel (monaural)
- Right: the sound of the right channel (monaural)

◆ When playing a Super VCD

- Stereo: the stereo sound of the audio track 1
- Left: the sound of the left channel of the audio track 1 (monaural)
- Right: the sound of the right channel of the audio track 1 (monaural)
- Stereo 1: the stereo sound of the audio track 2
- Left 1: the sound of the left channel of the audio track 2 (monaural)
- Right 1: the sound of the right channel of the audio track 2 (monaural)

Hints

- You can check of the current audio format (Dolby Digital, DTS, PCM, etc.) by pressing AUDIO repeatedly while playing a DVD VIDEO.
- You can switch the sound in the Playback Settings Display while playing a DVD (page 27).

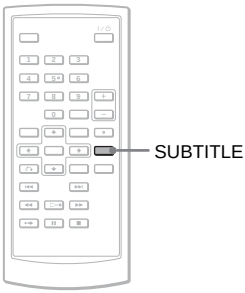
Notes

- Depending on the disc, you may not be able to change the audio format, even if it is recorded in multiple audio formats.
- When playing a Super VCD that does not contain audio track 2, no sound will come out if you select “Stereo 1,” “Left 1,” or “Right 1.”
- When playing soundtracks on DVD-RW/DVD-R (VR mode) with audio equipment such as an AV amplifier (receiver) connected via the OPTICAL OUT jack, set “Dolby Digital” in “Audio Setup” to “Downmix PCM” (page 43).
- If “DTS” in “Audio Setup” is set to “Off” (page 44), the player does not output the DTS signal from the OPTICAL OUT jack even when the disc contains a DTS track.
- When playing DTS sound tracks on a CD, you cannot change the sound.

Displaying the subtitles

DVD Video DVD VR

If subtitles are recorded on the disc, you can change the subtitles or turn them on and off whenever you want while playing a DVD.



1 Press SUBTITLE repeatedly to select a setting.

Depending on the disc, the choice of language varies.

To turn off the subtitles

Select "Subtitle Off" in step 1.

Hint

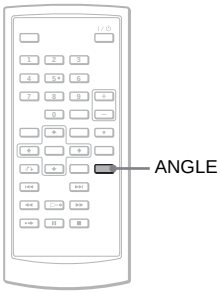
You can switch the subtitles in the Playback Settings Display while playing a DVD (page 27).

Notes

- Depending on the DVD VIDEO, you may not be able to change the subtitles even if multilingual subtitles are recorded on it. You also may not be able to turn them off.
- While you play a disc with subtitles, the subtitle may disappear when you press ●➡.

Changing the angles DVD Video

If various angles (multi-angles) for a scene are recorded on the DVD VIDEO, "" appears on the screen. This means that you can change the viewing angle.



1 Press ANGLE repeatedly to select an angle number.

The scene changes to the selected angle.

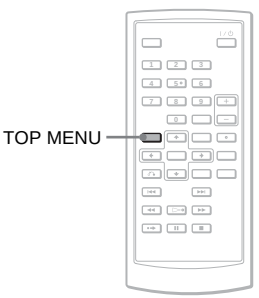
Notes

- Some DVD VIDEOs prohibit changing angles even when multi-angles are recorded.
- You cannot change angles during Slow Play or Scan Play.
- "" (angle mark) does not appear when "Angle Mark" in "General Setup" is set to "Off" (page 42).

Selecting “Original” or “Play List” on a DVD-RW/DVD-R

DVD VR

Some DVD-RWs/DVD-Rs in VR (Video Recording) mode have two types of title for playback: originally recorded titles (Original), and titles that can be created on recordable DVD players for editing (Play List). You can select the type of title to be played.



1 Press TOP MENU when the player is in stop mode.

The current mode appears.
The TOP MENU button does not work when Resume Play is activated. Cancel the Resume Play status first by pressing ■ twice, and then press TOP MENU.

2 Switch the mode by pressing TOP MENU repeatedly.

Hint

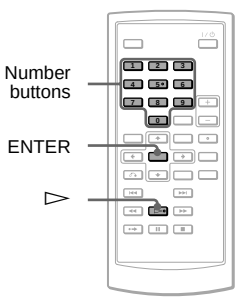
You can check the current mode by pressing DISPLAY during playback. On the Playback Settings Display (page 27), “PL” or “ORG” will be displayed next to the title number.

Notes

- When a disc containing a Playlist title is inserted, the player automatically starts playing the Playlist title.
- When no Playlist title is recorded, “ORG” appears in step 1. When you press TOP MENU once more, “⃠” appears.

Playing VIDEO CDs With PBC Functions (PBC Playback) VCD

Some VIDEO CDs have Playback Control (PBC) functions allowing for interactive search or playback options.



1 Start playing a VIDEO CD with PBC functions.

The menu appears for your selection.

2 Press the number buttons to select the item number you want and press ENTER.

3 Follow the instructions on screen for interactive operations.

Refer to the instructions supplied with the disc, as the operating procedure may differ depending on the VIDEO CD.

Hint

To cancel the PBC function, set “PBC” to “Off” in “General Setup” (page 42) and then, open and close the disc lid.

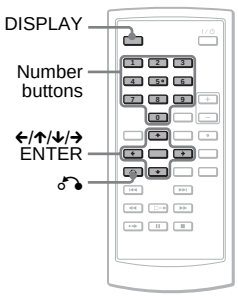
Note

Depending on the VIDEO CD, “Press ENTER” in step 2 may appear as “Press SELECT.” In this case, press ▻.

Using the Playback Settings Display

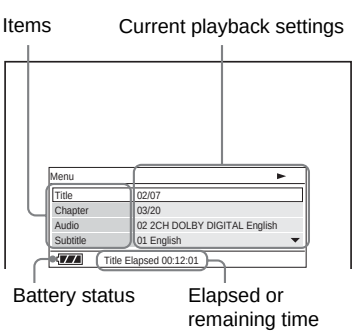
DVD Video DVD VR

While playing a DVD, you can check the current playback settings on the screen. The Playback Settings Display also allows you to change sound, subtitle, and angle or search for a title or track by inputting numbers.



1 Press DISPLAY while playing a DVD.

The Playback Settings Display appears.
Example: When playing a DVD VIDEO



The corresponding icon for Play, Pause, Search, or Slow Play is displayed in the upper right corner of the screen.
When a DVD-RW/DVD-R (VR mode) is played, “PL” or “ORG” is displayed next to the title number.

2 Press ↑/↓ to select the desired item and press ENTER.

- Title
- Chapter
- Audio
- Subtitle
- Angle
- T.Time
- C.Time
- Repeat
- Time Disp.

3 Press ↑/↓ to select the setting, and press ENTER.

To enter numbers, use the number buttons or ↑/↓.

Note

Depending on the disc, you may not be able to set some options.

To turn off the display

Press DISPLAY or ↩ RETURN.

Searching for a title/chapter, etc. DVD Video DVD VR

By entering the number or the time code, you can search a DVD by title or chapter.

1 Press ↑/↓ to select the search method on the Playback Settings Display, and press ENTER.

- Title
- Chapter
- T.Time*
- C.Time*

* You can search the title or chapter of a DVD VIDEO by entering the time code.

2 Press the number buttons or ↑/↓ to select the title or chapter number, and press ENTER.

The player starts playback from the selected number.

When you select “T.Time” or “C.Time” in step 1, “00:00:00” will appear on the screen. Enter the desired time code using the number buttons, and press ENTER. Playback starts from the entered time code. Elapsed or remaining time appears on the footer of the Playback Settings Display.

Hints

- You can use direct search without displaying the control menu. See page 30 for details.
- See page 30 for details about using direct search for a CD or VIDEO CD.

Notes

- The displayed title/chapter number is the same as the number recorded on the disc.
- Chapter times are not displayed when a DVD-RW/DVD-R (VR mode) is played. Chapter time will be displayed as “--:--:--.”
- Depending on the disc, you may not be able to use the time code.

Playing a DVD VIDEO repeatedly (Repeat Play)

DVD Video

You can play all of the titles on a DVD VIDEO, or a single title or chapter repeatedly.

1 Select “Repeat” on the Playback Settings Display, and press ENTER.

2 Press ↑/↓ to select the setting, and press ENTER.

- Chapter: repeats the current chapter.
- Title: repeats the current title.
- All: repeats all of the titles.

To return to normal play

Select “Off” in step 2.

Hint

When playing a VCD or CD repeatedly, use OPTIONS (page 31).

Note

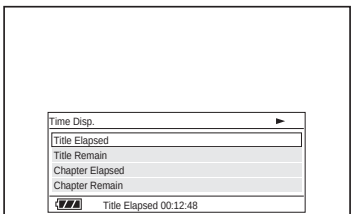
Depending on the disc, the Repeat function may not be available.

Checking the playing time and remaining time

DVD Video DVD VR

You can check the playing time and remaining time of the current title or chapter.

1 Select “Time Disp.” on the Playback Settings Display, and press ENTER.



2 Press ↑/↓ to select the time information setting, and press ENTER.

- Title Elapsed
- Title Remain
- Chapter Elapsed
- Chapter Remain

Hint

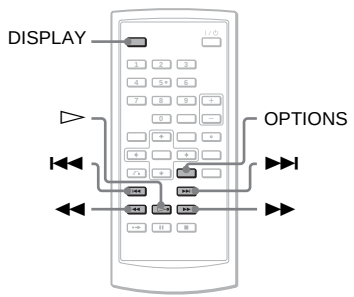
See page 32 for details about displaying the elapsed time of a CD or VIDEO CD.

Notes

- In the case of DVD-RWs/DVD-Rs (VR mode), the playing time and remaining time of the chapter is not displayed.
- The default setting for “Time Disp.” is “Title Elapsed.” After selecting an other option of “Time Disp.” and exiting from the Playback Settings Display, the “Title Elapsed” appears when the Playback Settings Display is re-entered.

Searching for a Particular Point on a Disc (Search, Scan, Slow Play, Repeat Play, Random Play)

You can quickly locate a particular point on a disc by monitoring the picture or playing back slowly.



Notes

- Depending on the disc, you may not be able to perform some of the operations described.
- For DATA CDs/DATA DVDs, you can search for a particular point only on an MP3 audio track.

Locating a point quickly using the I◀◀/▶▶I PREV (previous)/NEXT buttons (Search)

DVD Video DVD VR VCD CD DATA CD DATA DVD USB

During playback, press ▶▶I or I◀◀ to go to the next or previous chapter/track/scene.

Hints

When you know the title or chapter number, you can search directly by entering these numbers using the number buttons.

- While playing a DVD VIDEO, you can search for a title or chapter using the number buttons and ENTER. Press ←/→ to switch between title and chapter.
- While playing CDs/VIDEO CDs, you can search for a track using the number buttons and ENTER.

Locating a point quickly by playing a disc in fast forward or fast reverse (Scan)

DVD Video DVD VR VCD CD DATA CD DATA DVD USB

Press ◀◀ or ▶▶ to fast reverse or fast forward during playback. To return to normal play, press ▷.
Each time you press ◀◀ or ▶▶ during scan, the scan speed changes.
With each press the indication changes as shown below.

◆ **Playback direction**

▷ → 1▶▶ → 2▶▶ → 3▶▶

◆ **Opposite direction**

▷ → 1◀◀ → 2◀◀ → 3◀◀

The "3▶▶"/"3◀◀" playback speed is faster than "2▶▶"/"2◀◀" and the "2▶▶"/"2◀◀" playback speed is faster than "1▶▶"/"1◀◀."

Hint

←/→ on the player works the same as ◀◀/▶▶ on the remote, and ENTER on the player works the same as ▷ on the remote. This function is effective when you play back a DVD.